

Title (en)

METHOD FOR INCREASING COKE OVEN GAS

Title (de)

VERFAHREN ZUR ERHÖHUNG VON KOKSOFENGAS

Title (fr)

PROCÉDÉ D'AUGMENTATION DU GAZ DE FOUR À COKE

Publication

**EP 2899251 A4 20160525 (EN)**

Application

**EP 12884829 A 20121004**

Priority

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- KR 2012008050 W 20121004

Abstract (en)

[origin: EP2899251A1] Disclosed herein is a method of increasing an amount of coke-oven gas, including the step of: introducing steam into a gas way of a carbonization chamber of a coke oven such that a water-gas reaction is conducted at 500 °C ~ or higher during a process of carbonizing coal in the carbonization chamber of the coke oven, wherein the starting point of steam into the gas way is moved up prior to a time point at which an amount of generation of coke-oven gas is maximized, so as to increase the steam introduction time, thereby maximizing a reaction of steam with carbon existing in the carbonization chamber of the coke oven.

IPC 8 full level

**C10B 45/00** (2006.01); **C10B 57/12** (2006.01); **C10B 57/18** (2006.01)

CPC (source: CN EP KR US)

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Citation (search report)

- [XI] JP 2003082355 A 20030319 - SUMITOMO METAL IND
- [A] DE 1006110 B 19570411 - OTTO & CO GMBH DR C
- See references of WO 2014046329A1

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